JUMPERS AND CARDIGANS
RAGLAN SLEEVES
8 PLY

BY Empisal

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KNITTED RAGLAN FASHIONS

FOR THE WHOLE FAMILY – 8 PLY

CAST ON AND WELTS

All patterns are described to allow for personal choice, which to choose is left to the knitter to decide.

The choice of cast on will depend on whether or not a hem or rib is required. For a hem the open edge cast on – which is time saving – will be suitable whether the hem is turned and closed on the knitter or closed by hand when sewing up the garment.

TENSIONS

These garments are all designed for 8 ply yarn. It is necessary to produce:

12 sts and 16 rows to 2 ins.

We suggest Tension 10. However, as each machine varies a little, it is advisable to check your tension. Colors and flecks also affect the tension. All garments have been worked in basic stocking stitch. However, for originality any stitch design may be combined with the instructions for number of rows, shaping, etc; but some stitch patterns produce looser fabrics than stocking stitch and others draw in the fabric. Therefore, it is worthwhile knitting an extra swatch in the chosen pattern and then making a comparison with the stocking stitch swatch – this then will enable you to adjust stitches and rows for size required.

TO CHECK TENSION

Knit a sample on the suggested tension on 60 stitches and 60 rows. Leave for at least 12 hours before measuring, which should be done over 4 ins. If the result is too many stitches per inch knit another swatch on a looser tension; if not enough stitches, tighten tension a few points.

MEASUREMENTS

JUMPERS

To fit sizes	**22**	**25**	**28**	**31**	**34**	**37**	**40**	**43**	**46**
Actual measurements	24	27	30	33	36	39	42	45	48
Length from back neck	13½	15½	17½	19½	23½	24	24½	26	26½
Sleeve length - long	11	13	15	16	17	17	17	18	18

CARDIGANS

To fit sizes	**22**	**25**	**28**	**31**	**34**	**37**	**40**	**43**	**46**
Actual measurements	25	28	31	34	37	40	43	46	49
Length from back neck	14	16	18	20	24	24½	25	26½	27
Sleeve length - long	11½	13½	15½	16½	17½	17½	17½	18½	18½

MATERIALS: 8 Ply 1oz Balls

For sizes	**22**	**25**	**28**	**31**	**34**	**37**	**40**	**43**	**46**
LONG SLEEVE GARMENTS									
V Neck Jumper	9	12	15	17	20	22	24	27	30
Round Neck Jumper	10	12	15	17	20	22	24	27	30
Polo Neck Jumper	10	13	16	18	21	23	25	28	31
Round Neck Cardigan	10	13	16	18	21	23	25	28	31
V Neck Cardigan	10	13	16	18	21	23	25	28	31

NOTE: If alterations are made in length, this will affect quantities required. Synthetic yarns in general require less yarn than indicated on chart.

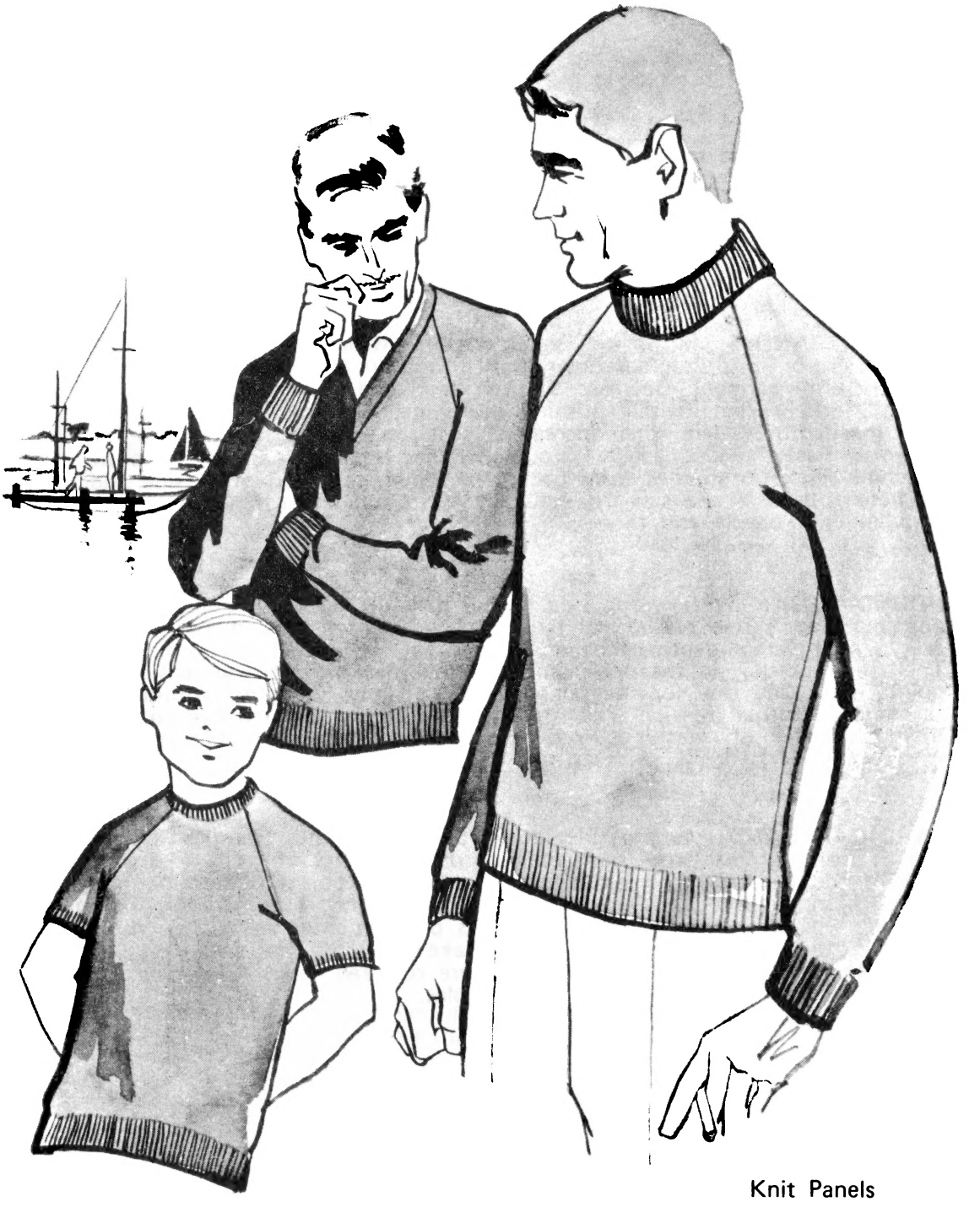
NECK & CARDIGAN BANDS

Although directions for knitting bands SEPARATELY are given in this book, they can be knitted directly on to the garment to save sewing on. The following instructions are for stocking stitch. If ribbed round, V or polo neck bands are favoured, the stitches are picked up in exactly the same manner as for stocking stitch bands, then knitted according to rib instructions given in this book. Ribbed cardigan bands are knitted separately and then sewn on.

V NECK BAND: Sew up one shoulder. With wrong side facing you, pick up stitches from open shoulder down to V. Knit on a tension a little tighter than one used for garment. Decrease 1 stitch at V end (using 2 prong transfer tool, move 2 stitches in 1 stitch, pushing empty needle into 'A' position) every 2nd row for depth of hem, then increase 1 stitch every 2nd row for the same number of rows. Pass threaded needle through stitches on machine, then take work off machine. Pick up stitches from back neck down to V on other side and proceed as before. Join V and sew up shoulder, fold band and catch down through open stitches with needle and thread.

ROUND NECK: With wrong side facing, pick up stitches around neck from opening. Knit 1 row on normal tension. Then tighten tension 1 or 2 points every 2nd row for depth of band. Turning row is knitted on normal tension. Then reset tension to the one before turning row and increase tension 1 or 2 points every 2nd row for the same number of rows as before turning row, finishing at normal tension. Pass threaded needle through stitches on machine, then take work off machine. Fold band and catch down through open stitches with needle and thread.

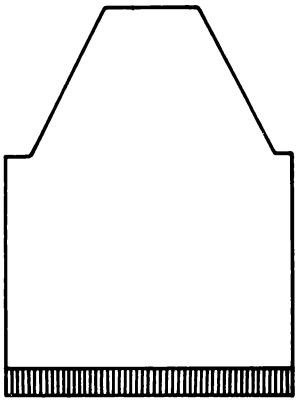
CARDIGAN BAND: Wrong side facing, pick up stitches from centre back to end of front, or just from neck opening down to end of front – depending on type of cardigan, and knit on a tension at least 3 points tighter than that used for cardigan. Knit required number of rows for band. Turning row is knitted on garment tension and other side of band 3 points tighter again. Pass threaded needle through stitches on machine and take work off machine. Knit other side the same, putting double buttonholes where required. Fold bands and catch down through open stitches. Finish off buttonholes.



		Knit Panels
1.	Round Neck, long sleeve Jumper	A C D E or E1
2.	V-neck, long sleeve Jumper	A B D G or G1
3.	Polo Neck, long sleeve Jumper	A C D F or F1

JUMPER BACK PANEL – FOR ALL STYLES

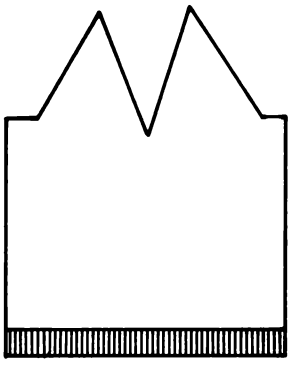
(PANEL A)



Sizes		22	25	28	31	34	37	40	43	46
1.	Cast on xxx stitches	71	81	91	99	107	117	125	135	143
2.	Knit welt - hem 32 rows.									
	rib 16 rows.									
	– Change tension –									
3.	Transfer to stocking stitch and knit xxx rows above welt (adjust length)	48	58	68	80	100	108	108	124	124
	–Shape Raglan –									
4.	Row counter 000.									
5.	Cast off xxx stitches at beginning of next 2 rows	3	3	3	3	3	4	5	5	6
6.	Decrease 1 stitch each end of every 4th row xxx times	2	1	-	-	-	-	-	-	-
7.	Decrease 1 stitch each end of every row xxx times	-	-	-	4	6	8	8	8	8
8.	Decrease 1 stitch each end of every 2nd row xxx times	19	24	29	29	30	31	33	37	39
9.	There are now xxx rows	48	54	60	64	68	72	76	84	88
10	Cast off remaining xxx stitches	24	25	27	27	29	31	33	35	37

JUMPER FRONT – V NECK

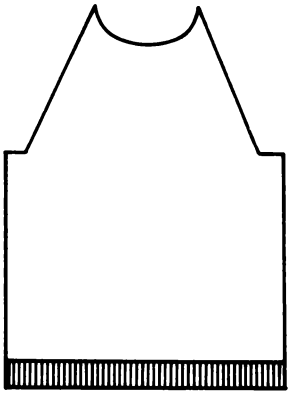
(PANEL B)



Sizes		22	25	28	31	34	37	40	43	46
1.	Follow steps 1 to 5 of back.									
	Shape armhole and neck.									
2.	Decrease 1 stitch at centre front.									
3.	Work on half the stitches nearest carriage - placing other half out of action xxx stitches	32	37	42	46	50	54	57	62	65
	Note: Steps 4 to 7 are knitted simultaneously.									
4.	At armhole edge decrease 1 stitch every 4th row xxx times	2	1	-	-	-	-	-	-	-
5.	At armhole edge decrease 1 stitch every row xxx times	-	-	-	4	6	8	8	8	8
6.	At armhole edge decrease 1 stitch every 2nd row xxx times	19	24	29	29	30	31	33	37	39
7.	At neck edge decrease 1 stitch every 4th row xxx times	10	11	12	12	13	14	15	16	17
8.	Bind off last 2 stitches.									
9.	Work on other half, reversing shapings.									

JUMPER FRONT – ROUND OR POLO NECK

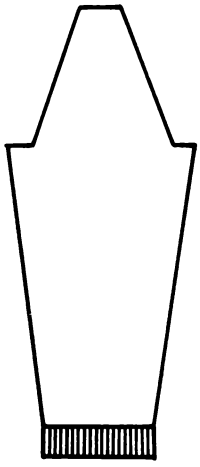
(PANEL C)



Sizes		22	25	28	31	34	37	40	43	46
1.	Follow steps 1 to 7 of back.									
2.	Decrease 1 stitch each end every 2nd row until xxx sts remain	41	45	49	49	53	55	59	63	69
3.	There are now xxx rows	30	34	38	42	44	48	50	56	56
	Shape neck –									
4.	Work xxx stitches nearest carriage holding remaining stitches	14	15	16	16	17	17	19	20	22
	Note: Steps 5 to 7 are knitted simultaneously.									
5.	At neck edge decrease 1 stitch every 3rd row xxx times	4	4	4	4	4	5	5	5	5
6.	At armhole edge continue to decrease 1 stitch every 2nd row until 2 sts remain.									
7.	Bind off last 2 stitches.									
8.	Cast off xxx stitches at the centre	13	15	17	17	19	21	21	23	25
9.	Work other side, steps 5 - 7 reversing shapings.									

JUMPER – LONG SLEEVES

(PANEL D)



Sizes		22	25	28	31	34	37	40	43	46
1.	Cast on xxx stitches	39	41	43	51	53	57	59	61	63
2.	Knit welt – hem 32 rows rib 16 rows.									
	– Change tension –									
3.	Transfer to stocking stitch and knit xxx rows	7	7	7	7	7	7	6	6	6
4.	Increase 1 stitch each end of this and every following xxx rows	7	7	7	7	7	7	6	6	6
5.	Increase xxx times altogether	8	10	12	14	15	15	16	18	19
6.	There are now xxx stitches	55	61	67	79	83	87	91	97	101
7.	Knit to xxx rows above welt (adjust length)	76	92	106	116	124	124	124	132	132
	Shape raglan –									
8.	Row counter 000.									
9.	At beginning of next 2 rows cast off xxx stitches	3	3	3	3	3	4	5	5	6
10.	Decrease 1 stitch each end every 4th row xxx times	3	3	3	–	–	–	1	3	4
11.	Decrease 1 stitch each end every row xxx times	–	–	–	2	2	–	–	–	–
12.	Decrease 1 stitch each end every 2nd row xxx times	17	20	23	30	32	35	35	35	35
13.	There are now xxx rows	48	54	60	64	68	72	76	84	88
14.	Cast off remaining xxx stitches	9	9	9	9	9	9	9	11	11
	Knit another sleeve the same way.									

NECKBANDS – JUMPERS – USING RIBBER ATTACHMENT

ROUND NECK JUMPER (PANEL E)

Sizes	22	25	28	31	34	37	40	43	46
1. Cast on xxx stitches for Kl, Pl rib	91	99	107	107	115	119	125	137	149
2. Rib for xxx rows	22	22	22	22	24	24	24	24	24

3. Cast off loosely.

Note: When attached, neckband is folded in half.

POLO NECK JUMPER (PANEL F)

Sizes	22	25	28	31	34	37	40	43	46
1. Commence as step 1 of round neck.									
2. Rib for xxx rows	45	45	45	45	50	50	50	50	50

3. Cast off loosely.

V NECK JUMPER (PANEL G)

Sizes	22	25	28	31	34	37	40	43	46
1. Cast on xxx stitches for Kl, Pl rib	119	129	147	151	165	179	185	199	199

2. Rib for 10 rows.

3. Cast off loosely.

Note: When attaching neckbands it is best to use the cast on edge as finished edge and attach the cast off edge to the garment.

NECKBANDS – JUMPERS – USING CONTINENTAL RIB

ROUND NECK JUMPER (PANEL E1)

Sizes	22	25	28	31	34	37	40	43	46
1. Select xxx needles	91	99	107	107	115	119	125	137	149
2. Push out of action every alternate needle.									
3. Using winding method, cast on loosely.									
4. Knit xxx rows	22	22	22	22	24	24	24	24	24
5. Cast off loosely.									

Note: When attached, neckband is folded in half.

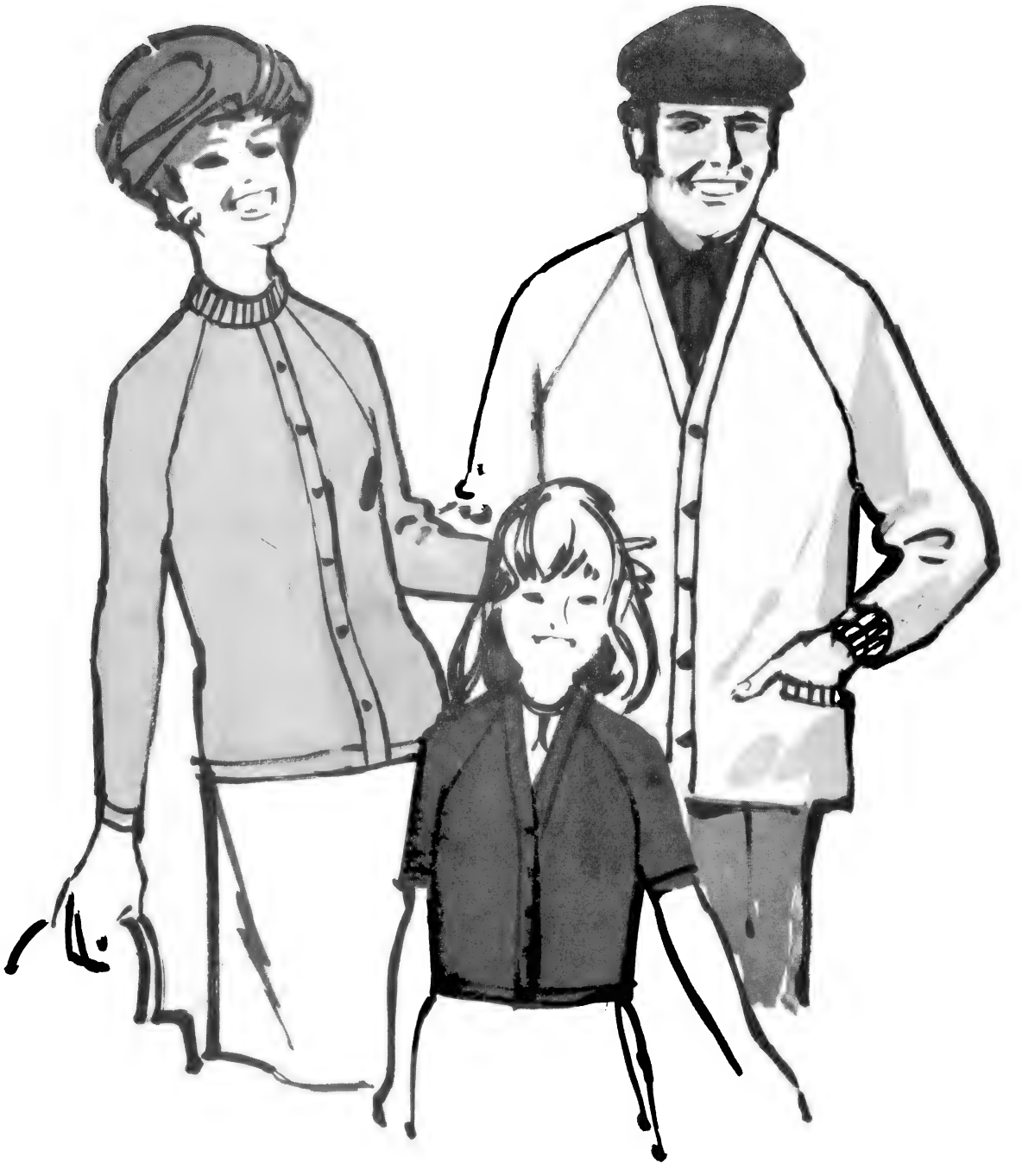
POLO NECK JUMPER (PANEL F1)

Sizes	22	25	28	31	34	37	40	43	46
1. Follow steps 1 to 3 of round neck.									
2. Knit xxx rows	45	45	45	45	50	50	50	50	50
3. Cast off loosely.									

V NECK JUMPER (PANEL G1)

Sizes	22	25	28	31	34	37	40	43	46
1. Select xxx needles	119	129	147	151	165	179	185	199	199
2. Push out of action every alternate needle.									
3. Using winding method, cast on loosely.									
4. Knit 20 rows.									
5. Cast off loosely.									

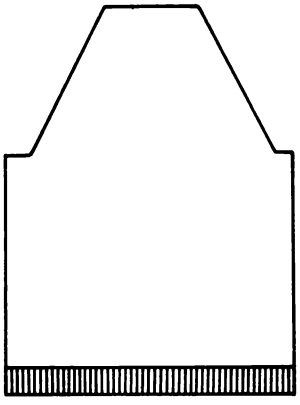
Note: Neckband is folded in half when attached.



		Knit Panels
1.	Round Neck Cardigan Long sleeves	H K L N or N1
2.	V-neck Cardigan Long sleeves	H J L M or M1

CARDIGAN BACK – FOR ALL STYLES

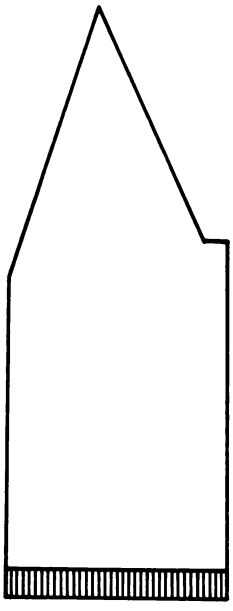
(PANEL H)



Sizes		22	25	28	31	34	37	40	43	46
1.	Cast on xxx stitches	75	85	95	103	111	121	129	139	147
2.	Knit welt – hem 32 rows rib 16 rows									
	– Change tension –									
3.	Transfer to stocking stitch – knit to xxx rows above welt (adjust length)	50	60	70	82	102	110	110	126	126
	Shape raglan –									
6.	Row counter 000.									
7.	At beginning of next 2 rows cast off xxx stitches	3	3	3	3	3	4	5	5	6
8.	Decrease 1 stitch each end every 4th row xxx times	2	1	–	–	–	–	–	–	–
9.	Decrease 1 stitch each end every row xxx times	–	–	–	4	6	8	8	8	8
10.	Decrease 1 stitch every 2nd row xxx times	20	25	30	30	31	32	34	38	40
11.	There are now xxx rows	50	56	62	66	70	74	78	86	90
12.	Cast off remaining xxx stitches	25	27	29	29	31	33	35	37	39

CARDIGAN – FRONTS – V NECK

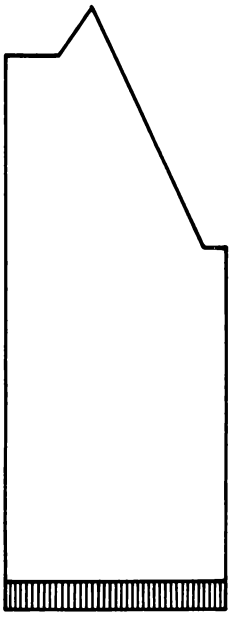
(PANEL J)



Sizes		22	25	28	31	34	37	40	43	46
1.	Cast on xxx stitches	37	41	47	51	55	59	63	69	73
2.	Knit welt – hem 32 rows rib 16 rows.									
	– Change tension –									
3.	Transfer to stocking stitch and knit xxx rows above welt (adjust length)	50	60	70	82	102	110	110	126	126
	Shape raglan and neckline –									
4.	Row counter 000.									
5.	Cast off xxx stitches at armhole edge . . .	3	3	3	3	3	4	5	5	6
6.	At neck edge decrease 1 stitch.									
	Note: Steps 7 to 10 are knitted simultaneously.									
7.	At armhole edge decrease 1 stitch every 4th row xxx times	2	1	–	–	–	–	–	–	–
8.	At armhole edge decrease 1 stitch every row xxx times	–	–	–	4	6	8	8	8	8
9.	At armhole edge decrease 1 stitch every 2nd row xxx times	20	25	30	30	31	32	34	38	40
10	At neck edge decrease 1 stitch every 4th row xxx times	10	10	12	12	13	13	14	16	17
11.	Bind off last 2 stitches.									
	Knit another front, reversing shapings.									

CARDIGAN FRONTS – ROUND NECK

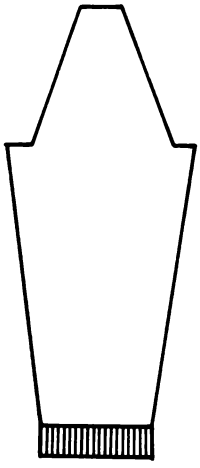
(PANEL K)



Sizes		22	25	28	31	34	37	40	43	46
1.	Follow steps 1 to 5 of front V neck.									
2.	At armhole edge decrease 1 stitch every 4th row xxx times	2	1	–	–	–	–	–	–	–
3.	At armhole edge decrease 1 stitch every row xxx times	–	–	–	4	6	8	8	8	8
4.	At armhole edge decrease 1 stitch every 2nd row until xxx stitches remain	22	23	26	26	28	28	30	33	36
5.	There are now xxx rows	30	34	38	42	44	48	50	56	56
	Shape neck –									
6.	On neck edge cast off xxx stitches	6	6	8	8	8	8	9	11	12
	Note: Steps 7 to 8 are knitted simultaneously.									
7.	At neck edge decrease 1 stitch every 3rd row xxx times	5	5	5	5	6	6	6	6	6
8.	At armhole edge continue to decrease 1 stitch every 2nd row until 2 sts remain.									
9.	Bind off last 2 stitches.									
	Knit another front reversing shapings.									

CARDIGAN – LONG SLEEVES

(PANEL L)



Sizes		22	25	28	31	34	37	40	43	46
1.	Cast on xxx stitches	41	43	45	53	55	59	61	63	65
2.	Knit welt – hem 32 rows rib 16 rows.									
	– Change tension –									
3.	Transfer to stocking stitch and knit xxx rows	7	7	7	7	7	7	6	6	6
4.	Increase 1 stitch each end of this and every following xxx rows	7	7	7	7	7	7	6	6	6
5.	Increase xxx times altogether	8	10	12	14	15	15	16	18	19
6.	There are now xxx stitches	57	63	69	81	85	89	93	99	103
7.	Knit to xxx rows above welt (adjust length)	78	94	108	118	126	126	126	136	136
	Shape raglan –									
8.	Row counter 000.									
9.	At beginning of next 2 rows cast off xxx stitches	3	3	3	3	3	4	5	5	6
10	Decrease 1 stitch each end every 4th row xxx times	3	3	3	–	–	–	1	3	4
11.	Decrease 1 stitch each end every row xxx times	–	–	–	2	2	–	–	–	–
12.	Decrease 1 stitch each end every 2nd row xxx times	18	21	24	31	33	36	36	36	36
13.	There are now xxx rows	50	56	62	66	70	74	78	86	90
14.	Cast off remaining xxx stitches	9	9	9	9	9	9	9	11	11
	Knit another sleeve the same way.									

NECKBANDS – CARDIGANS – USING RIBBER ATTACHMENT

V NECK CARDIGAN (PANEL M)

Sizes		22	25	28	31	34	37	40	43	46
1.	Cast on 13 stitches for Kl, Pl rib.									
2.	Rib 4 rows.									
3.	Make buttonholes in next and every following xxx rows	15	17	16	17	21	20	20	22	22
4.	Make xxx buttonholes altogether . . .	5	5	6	6	6	7	7	7	7
5.	Continue ribbing until xxx rows from beginning	274	308	343	374	424	450	460	514	524
6.	Cast off.									

Note: If length of garment is altered adjust the band by double the number of rows altered.

ROUND NECK CARDIGAN (PANEL N)

Sizes		22	25	28	31	34	37	40	43	46
Front Band Without Buttonholes										
1.	Cast on 13 stitches for Kl, Pl rib.									
2.	Rib for xxx rows	113	118	134	152	169	183	183	208	208
3.	Cast off.									

Note: If length of garment is altered adjust the band by the same number of rows.

Front Band With Buttonholes

1.	Cast on 13 stitches for Kl, Pl rib.									
2.	Rib 4 rows.									
3.	Make buttonhole on next and every following xxx rows	21	22	21	24	23	25	25	25	25
4.	Make xxx buttonholes altogether . . .	6	6	7	7	8	8	8	9	9
5.	Rib 4 rows.									
6.	Cast off.									

See note for 'without buttonholes'.

Neckband

1.	Cast on xxx stitches for Kl, Pl rib . . .	95	101	111	111	117	121	127	141	153
2.	Rib for 10 rows.									
3.	Cast off loosely.									

Note: It is best to use cast on edge as finished edge and attach cast off edge to garment. Front bands extend to form part of the neckband.

NECKBANDS – CARDIGANS – USING CONTINENTAL RIB

V NECK CARDIGAN (PANEL M1)

Sizes		22	25	28	31	34	37	40	43	46
1.	Select 28 needles.									
2.	Push out of action every alternate needle.									
3.	Using winding method, cast on.									
4.	Knit 4 rows.									
5.	Make buttonholes on 3rd stitch in from each end.									
6.	Knit xxx rows	15	17	16	17	22	20	20	22	22
7.	Repeat steps 5 and 6 until xxx series of buttonholes are made	5	5	6	6	6	7	7	7	7
8.	Continue knitting until xxx rows from beginning	274	308	342	374	424	450	460	514	524
9.	Cast off.									

Note: If length of garment is altered adjust band by double number of rows altered.

ROUND NECK CARDIGAN (PANEL N1)

Sizes		22	25	28	31	34	37	40	43	46
Front Band Without Buttonholes										
1.	Follow steps 1 to 3 of V neck.									
2.	Knit for xxx rows	113	118	134	152	169	183	183	208	208
3.	Cast off.									

Note: If length of garment is altered adjust bands by same number of rows.

Front Band With Buttonholes

1.	Follow steps 1 to 4 of V neck.									
2.	Make buttonholes on 3rd stitch in from each end.									
3.	Knit xxx rows	21	22	21	24	23	25	25	25	25
4.	Repeat steps 2 and 3 until xxx series of buttonholes are made	6	6	7	7	8	8	8	9	9
5.	Knit 4 rows.									
6.	Cast off.									

See note for 'without buttonholes'.

Neckband

1.	Select xxx needles	95	101	111	111	117	121	127	141	153
2.	Push out of action every alternate needle.									
3.	Using winding method, cast on loosely.									
4.	Knit 20 rows.									
5.	Cast off loosely.									

Note: Front bands extend to form part of neckband.

COMPLETION OF GARMENTS

ALL STYLES

1. Press all pieces lightly with a damp cloth.
2. Sew up the 4 raglan seams.
3. Sew the side and sleeve seams.

ATTACHING NECKBANDS

Round Neck Jumper

For both Continental rib and rib sew the neckband evenly around the neck – fold in half and slip stitch.

Polo Neck Jumper

Continental Rib – attach as for round neck jumper.

Rib – sew cast off edge to the neckline.

V Neck Jumper

Continental Rib – sew band around neck commencing at the V – fold the band in half and slip stitch – make a mitred corner at the V.

Rib – sew band around neck using the cast off edge commencing at the V – mitre the ends at the V.

Round Neck Cardigan

Continental Rib – attach the neckband evenly, fold in half and slip stitch. Attach the bands down each front commencing at the top of the neckband – fold in half and slip stitch. Catch the buttonholes together.

Rib – attach the neckband evenly around neck using cast off edge – attach bands from top of neckband.

V Neck Cardigan

Continental Rib – attach band evenly around neckline, fold in half and slip stitch. Catch the buttonholes together.

Rib – attach evenly around neckline.